



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/057,531
Applicant : LYON et al
Filed : January 25, 2002
Art Unit : 1645
Examiner : P. Baskar

Docket No. : 38644-197974
Customer No. : 26694

I P E

Commissioner for Patents
Mail stop: Non-fee amendments
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action issued May 4, 2004, Applicants submit the following Amendment and Reply. The Application is amended as follows:

Amendments to the specification begin on page 2

Listing of the claims begins on page 3.

Remarks begin on page 9.

It is not believed that any fees are due. Please charge any fees that may be required, and credit any refunds to deposit account no. 210-380 (referencing docket no. WRAIR 01-20 (38644-197974)).

expression vectors containing DNA encoding proteins that are induced by IPTG at various temperatures in the presence of fungicides, antibiotics and purifying proteins from *E. coli* containing pET vectors using Ni-NTA column to remove endotoxin, etc.

As noted above, claim 9 has been amended to recite applicant's preferred embodiment of MSP-1₄₂ protein from *P. falciparum* 3D7. This protein is not disclosed or suggested in either Kumar or Aubusel. Reconsideration and withdrawal of the rejection is respectfully requested.

Applicants appreciate the Examiner's indication that Claims 4-8 are free of the prior art. Claim 4 has been cancelled and claim 3 has been rewritten to include the limitations thereof. In view of the deposit of biological material, it is believed that claims 3, and 5-8 are in condition for allowance.

All objections and rejections having been addressed, it is respectfully submitted that the application is in condition for allowance, and Notice to that effect is respectfully requested. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is hereby invited to telephone the undersigned at the number provided.

Respectfully submitted,

Date: 8/4/04

C. S. Hobbs

Ann S. Hobbs, Ph.D.
Registration No. 36,830
Venable
P.O. Box 34385
Washington, D.C. 20043-9998
Telephone: (202) 344-4000
Telefax: (202) 344-8300